

Name: _____

Date: _____

Scientific Notation HW #3

Part One: Write each number in proper scientific notation.

1. 450×10^4	2. 0.003×10^5	3. $4,000 \times 10^{10}$
4. 12×10^{-4}	5. 0.026×10^{-8}	6. $0.00004201 \times 10^{12}$

Part Two: Multiply. Write each answer in proper scientific notation.

7. $5(2.0 \times 10^8)$	8. $12(6.0 \times 10^{-3})$	9. $15(3.0 \times 10^{-12})$
10. $7(3.0 \times 10^{12})$	11. $5(0.2 \times 10^{-2})$	12. $3(18 \times 10^{-9})$

CHALLENGE: Jupiter weighs 1.898×10^{27} kilograms. If a space giant were to slice Jupiter into perfect quarter-spheres, how much would each quarter weigh? Write your answer in proper scientific notation.

